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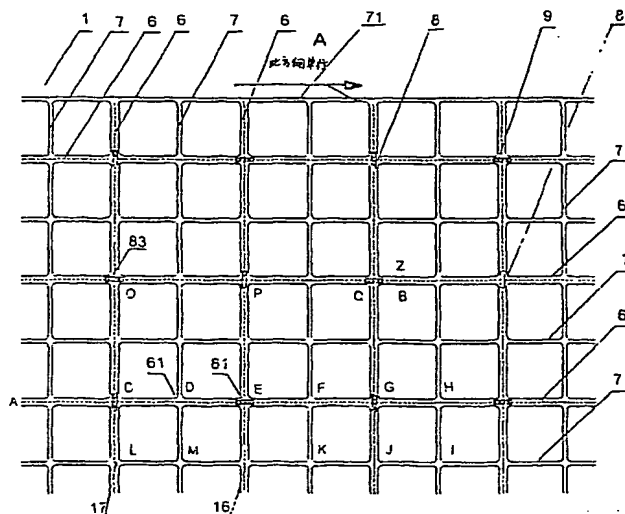
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(54) Title: A FULL INTERCHANGE URBAN ROAD SYSTEM AND THE TRAFFIC METHOD OF USING IT

(54) 发明名称: 一种全立体化城市道路系统及采用该系统的交通方法



A ONEWAY ALONG THIS DIRECTION

(57) Abstract: The present invention relates to a full interchange urban road system and the traffic method of using it, characterized by that: the road system is a chessboard shaped double-layer road web, one layer of which is provided as a driveway (1) on the ground, another of which is provided as a footway (2) at a suitable elevation accordingly over the driveway, or as footpaths (3, 4) over the both sides of the driveway, between which interconnections (5) are arranged, or between which annular passages or aerial squares are arranged over parts of crossings of branch ways, a turnaround passageway (10) is designed between each two parallel expressways (6) or under a separate type fly-over bridge (8, 9) arranged at a location the two expressways intersecting, a branch arterial way (7) is provided between each two parallel expressways as a ramp for them or as a passageway for leading to subzone ways. The system according to the invention makes pedestrians and vehicles be separated, a great deal of road occupation area be saved, and full interchange for the expressways' crossings be achieved so that a crisscross expressway traffic system is established in the whole city as well as the problem of channelization is thoroughly resolved.

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(57) 摘要

本发明涉及一种全立体化城市道路系统及采用该系统的交通方法，其中所述道路系统为棋盘式双层道路网，一层为地面机动车道（1），在机动车道上方适当高度处对应设置一层人行道（2）；或者在机动车道两侧设置人行道（3，4），两侧设置的人行道之间设置横向通道（5）；或将支路的部分路口上的人行道设置为环形通道或架空广场（18），在两条快速路（6）之间设置调头道（10）或该两条快速路相交位置（8）处设置的分离式立交桥（9）下设置调头道；在每两条平行的快速路之间设置一条支干道（7）用于作为快速路的匝道和通向小区路的通道。该系统将人、车完全分离，大量节约了道路占地面积，实现了快速路交叉路口的全部立交化，在整个城市中形成纵横交错的快速路交通系统，并彻底解决了渠化问题。